

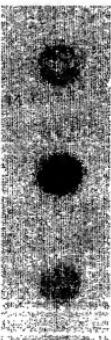
Fig. 1

Y U S E Z T : T S h i n e 0 0 T

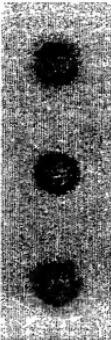
CS-S_n(A_n)-CTC-CCT-AAT-AAC-AAT TTA-TAA-CTA-TTC-CTA-(A_n)_n
5'-GAG-GGA-TTA-TTG-TTA--AAT-ATT-GAT-AAG-GAT-3"

A

I II III I II III



C



B

Fig. 2

UV-Vis spectra of Pt and
Pt/Au coreshells nanoparticles

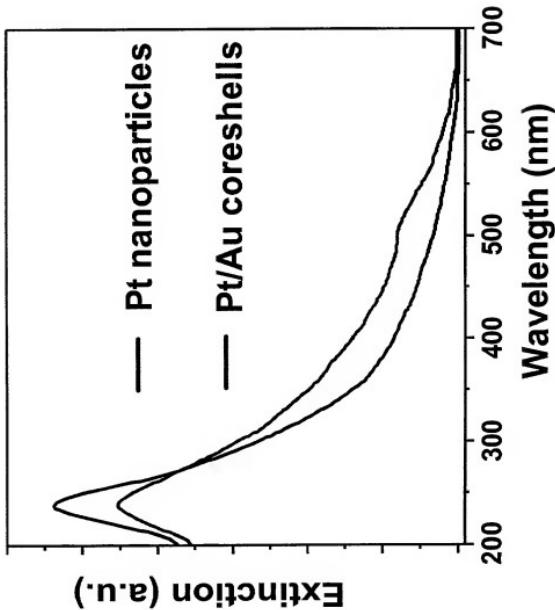


Fig. 3

Docket No. 01-661-A

Growth of Au on the surface of Fe_3O_4 nanoparticles

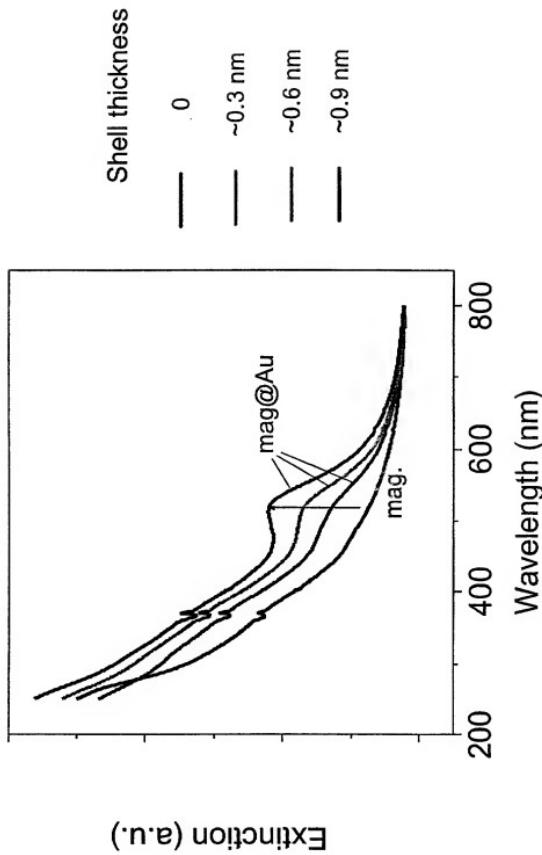


Fig. 4

Magnetic properties of gold coated Fe_3O_4 nanoparticles

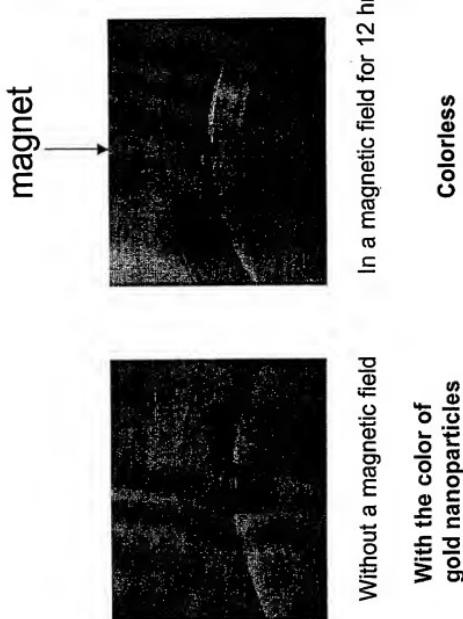
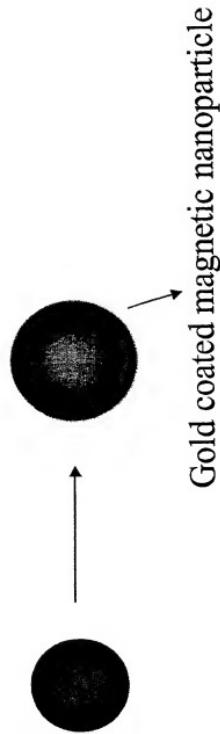


Fig. 5

Coreshell Approach to Magnetic Gold Nanoparticles



A: metal oxides magnetic cores: Fe_3O_4 , Co_3O_4

B: pure metal cores: Fe, Co, Ni...

C: alloy metal cores: FePt, FeAu

Fig. 6

Fig. 7

